Panel 5

Quiz #4

Name:

① Eliminate the variable circled from the system:

$$\begin{aligned} 2x + y - z &= 3 \\ -2x + 2y + 3z &= 8 \\ x + y + z &= 1 \end{aligned} \quad \Rightarrow$$

② A system of equations was reduced to:

$$\begin{aligned} x + 2y + 3z &= 11 \\ y + 2z &= 5 \\ 3z &= 6 \end{aligned}$$

Find x, y, and z.

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Panel 6

③ Solve the following system of linear equations:

$$\begin{aligned} x + y + z &= 0 \\ -x + 2y + z &= 3 \\ -x - 4y - 2z &= 0 \end{aligned}$$

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